

REMARKS/ARGUMENTS

The Examiner has objected to FIGS. 2a, 2b, 3, 4, 8, and 14.

Proposed drawing corrections are attached hereto for the Examiner's approval. The objected-to-figures have been deleted, the remaining figures renumbered, and the specification amended in accordance therewith.

The Examiner has rejected all of the claims as being anticipated by Lampman et al.

Lampman et al. teaches cylindrical gradient coils. For example, see col. 4, lines 13-16, col. 5, lines 14-17, col. 5, lines 27-31, and FIGS. 2, 3, and 5. FIG 3, shows the coils from the side, with loops of the coils foreshortened into/out of the page. In Lampman et al., the patient's head goes inside of these loops.

The present invention claims a coil set that includes a uniplanar, and two biplanar gradient coils. Lampman et al. does not show or teach any such planar structures.

It is respectfully submitted that the present invention is not anticipated by Lampman et al.

In view of the foregoing amendments and remarks, it is respectfully submitted that the application is now in condition for allowance and notification of same is requested.

If any fees are required by this communication, please


Appl. No. 10/080,730
Amdt. dated July 10, 2003
Reply to Office action of April 10, 2003

charge such fees to our Deposit Account No. 16-0820, Order No.
33356US1.

Respectfully submitted,

PEARNE & GORDON LLP

By


James M. Moore, Reg. No. 32923

526 Superior Avenue East
Suite 1200
Cleveland, Ohio 44114-1484
(216) 579-1700

Date: July 10, 2003

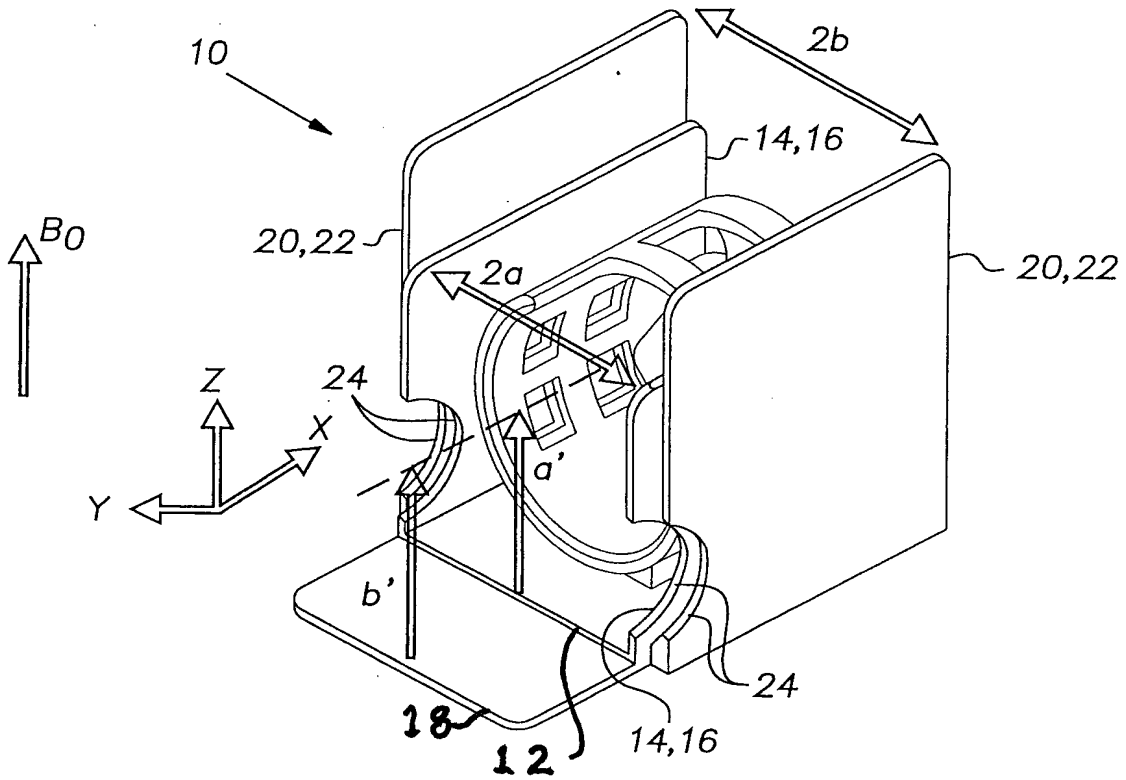


FIG. 1

| | |
|-----------|----------|
| 10.00E-03 | 4.01E-04 |
| 2.00E-02 | 8.03E-04 |
| 3.00E-02 | 1.21E-03 |
| 4.00E-02 | 1.61E-03 |
| 5.00E-02 | 2.02E-03 |
| 6.00E-02 | 2.42E-03 |
| 7.00E-02 | 2.83E-03 |
| 8.00E-02 | 3.23E-03 |
| 9.00E-02 | 3.62E-03 |
| 10.00E-02 | 4.00E-03 |
| 0.11 | 4.36E-03 |
| 0.12 | 4.60E-03 |
| 0.13 | 4.25E-03 |

FIG. 2A



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FIG. 2B

| | | | | | | | |
|-----------|----------|----------|----------|-----------|----------|-----------|----------|
| 10.00E-03 | 4.01E-04 | 4.00E-02 | 1.65E-03 | 7.00E-02 | 2.83E-03 | 10.00E-02 | 5.22E-03 |
| 10.00E-03 | 4.02E-04 | 4.00E-02 | 1.64E-03 | 7.00E-02 | 2.84E-03 | 10.00E-02 | 5.74E-03 |
| 10.00E-03 | 4.02E-04 | 4.00E-02 | 1.60E-03 | 7.00E-02 | 2.86E-03 | 10.00E-02 | 6.04E-03 |
| 10.00E-03 | 4.03E-04 | 4.00E-02 | 1.52E-03 | 7.00E-02 | 2.90E-03 | 10.00E-02 | 5.96E-03 |
| 10.00E-03 | 4.03E-04 | 4.00E-02 | 1.40E-03 | 7.00E-02 | 2.98E-03 | 0.11 | 4.36E-03 |
| 10.00E-03 | 4.02E-04 | 4.00E-02 | 1.61E-03 | 7.00E-02 | 3.07E-03 | 0.11 | 4.37E-03 |
| 10.00E-03 | 3.99E-04 | 4.00E-02 | 1.61E-03 | 7.00E-02 | 3.17E-03 | 0.11 | 4.33E-03 |
| 10.00E-03 | 3.92E-04 | 4.00E-02 | 1.62E-03 | 7.00E-02 | 3.21E-03 | 0.11 | 4.30E-03 |
| 10.00E-03 | 3.77E-04 | 4.00E-02 | 1.62E-03 | 7.00E-02 | 3.16E-03 | 0.11 | 4.33E-03 |
| 10.00E-03 | 3.54E-04 | 4.00E-02 | 1.63E-03 | 7.00E-02 | 2.97E-03 | 0.11 | 4.51E-03 |
| 10.00E-03 | 3.21E-04 | 4.00E-02 | 1.64E-03 | 8.00E-02 | 3.23E-03 | 0.11 | 5.12E-03 |
| 10.00E-03 | 4.01E-04 | 4.00E-02 | 1.65E-03 | 8.00E-02 | 3.23E-03 | 0.11 | 6.06E-03 |
| 10.00E-03 | 4.02E-04 | 4.00E-02 | 1.64E-03 | 8.00E-02 | 3.23E-03 | 0.11 | 6.97E-03 |
| 10.00E-03 | 4.02E-04 | 4.00E-02 | 1.60E-03 | 8.00E-02 | 3.26E-03 | 0.11 | 7.58E-03 |
| 10.00E-03 | 4.03E-04 | 4.00E-02 | 1.52E-03 | 8.00E-02 | 3.32E-03 | 0.11 | 7.63E-03 |
| 10.00E-03 | 4.03E-04 | 4.00E-02 | 1.40E-03 | 8.00E-02 | 3.43E-03 | 0.11 | 4.36E-03 |
| 10.00E-03 | 4.02E-04 | 5.00E-02 | 2.02E-03 | 8.00E-02 | 3.60E-03 | 0.11 | 4.37E-03 |
| 10.00E-03 | 3.99E-04 | 5.00E-02 | 2.02E-03 | 8.00E-02 | 3.78E-03 | 0.11 | 4.33E-03 |
| 10.00E-03 | 3.92E-04 | 5.00E-02 | 2.02E-03 | 8.00E-02 | 3.91E-03 | 0.11 | 4.30E-03 |
| 10.00E-03 | 3.77E-04 | 5.00E-02 | 2.04E-03 | 8.00E-02 | 3.92E-03 | 0.11 | 4.33E-03 |
| 10.00E-03 | 3.54E-04 | 5.00E-02 | 2.03E-03 | 8.00E-02 | 3.74E-03 | 0.11 | 4.51E-03 |
| 10.00E-03 | 3.21E-04 | 5.00E-02 | 2.08E-03 | 8.00E-02 | 3.23E-03 | 0.11 | 5.12E-03 |
| 2.00E-02 | 8.03E-04 | 5.00E-02 | 2.10E-03 | 8.00E-02 | 3.23E-03 | 0.11 | 6.06E-03 |
| 2.00E-02 | 8.04E-04 | 5.00E-02 | 2.11E-03 | 8.00E-02 | 3.23E-03 | 0.11 | 6.97E-03 |
| 2.00E-02 | 8.05E-04 | 5.00E-02 | 2.08E-03 | 8.00E-02 | 3.26E-03 | 0.11 | 7.57E-03 |
| 2.00E-02 | 8.06E-04 | 5.00E-02 | 1.99E-03 | 8.00E-02 | 3.32E-03 | 0.11 | 7.63E-03 |
| 2.00E-02 | 8.08E-04 | 5.00E-02 | 1.84E-03 | 8.00E-02 | 3.43E-03 | 0.12 | 4.60E-03 |
| 2.00E-02 | 8.08E-04 | 5.00E-02 | 2.02E-03 | 8.00E-02 | 3.60E-03 | 0.12 | 4.74E-03 |
| 2.00E-02 | 8.03E-04 | 5.00E-02 | 2.02E-03 | 8.00E-02 | 3.78E-03 | 0.12 | 4.62E-03 |
| 2.00E-02 | 7.90E-04 | 5.00E-02 | 2.02E-03 | 8.00E-02 | 3.91E-03 | 0.12 | 4.59E-03 |
| 2.00E-02 | 7.64E-04 | 5.00E-02 | 2.04E-03 | 8.00E-02 | 3.92E-03 | 0.12 | 4.56E-03 |
| 2.00E-02 | 7.19E-04 | 5.00E-02 | 2.05E-03 | 8.00E-02 | 3.74E-03 | 0.12 | 4.47E-03 |
| 2.00E-02 | 6.52E-04 | 5.00E-02 | 2.08E-03 | 9.00E-02 | 3.62E-03 | 0.12 | 5.38E-03 |
| 2.00E-02 | 8.03E-04 | 5.00E-02 | 2.10E-03 | 9.00E-02 | 3.62E-03 | 0.12 | 7.00E-03 |
| 2.00E-02 | 8.04E-04 | 5.00E-02 | 2.11E-03 | 9.00E-02 | 3.62E-03 | 0.12 | 8.52E-03 |
| 2.00E-02 | 8.05E-04 | 5.00E-02 | 2.08E-03 | 9.00E-02 | 3.64E-03 | 0.12 | 9.62E-03 |
| 2.00E-02 | 8.06E-04 | 5.00E-02 | 1.99E-03 | 9.00E-02 | 3.71E-03 | 0.12 | 9.90E-03 |
| 2.00E-02 | 8.08E-04 | 5.00E-02 | 1.84E-03 | 9.00E-02 | 3.87E-03 | 0.12 | 4.60E-03 |
| 2.00E-02 | 8.08E-04 | 6.00E-02 | 2.42E-03 | 9.00E-02 | 4.14E-03 | 0.12 | 4.74E-03 |
| 2.00E-02 | 8.03E-04 | 6.00E-02 | 2.42E-03 | 9.00E-02 | 4.46E-03 | 0.12 | 4.62E-03 |
| 2.00E-02 | 7.90E-04 | 6.00E-02 | 2.43E-03 | 9.00E-02 | 4.74E-03 | 0.12 | 4.59E-03 |
| 2.00E-02 | 7.64E-04 | 6.00E-02 | 2.45E-03 | 9.00E-02 | 4.86E-03 | 0.12 | 4.56E-03 |
| 2.00E-02 | 7.19E-04 | 6.00E-02 | 2.48E-03 | 9.00E-02 | 4.70E-03 | 0.12 | 4.47E-03 |
| 2.00E-02 | 6.52E-04 | 6.00E-02 | 2.52E-03 | 9.00E-02 | 3.62E-03 | 0.12 | 5.38E-03 |
| 3.00E-02 | 1.21E-03 | 6.00E-02 | 2.57E-03 | 9.00E-02 | 3.62E-03 | 0.12 | 7.00E-03 |
| 3.00E-02 | 1.21E-03 | 6.00E-02 | 2.61E-03 | 9.00E-02 | 3.62E-03 | 0.12 | 8.52E-03 |
| 3.00E-02 | 1.21E-03 | 6.00E-02 | 2.61E-03 | 9.00E-02 | 3.64E-03 | 0.12 | 9.62E-03 |
| 3.00E-02 | 1.21E-03 | 6.00E-02 | 2.53E-03 | 9.00E-02 | 3.71E-03 | 0.12 | 9.90E-03 |
| 3.00E-02 | 1.22E-03 | 6.00E-02 | 2.35E-03 | 9.00E-02 | 3.87E-03 | 0.13 | 4.25E-03 |
| 3.00E-02 | 1.22E-03 | 6.00E-02 | 2.42E-03 | 9.00E-02 | 4.14E-03 | 0.13 | 5.41E-03 |
| 3.00E-02 | 1.22E-03 | 6.00E-02 | 2.42E-03 | 9.00E-02 | 4.46E-03 | 0.13 | 4.75E-03 |
| 3.00E-02 | 1.20E-03 | 6.00E-02 | 2.43E-03 | 9.00E-02 | 4.74E-03 | 0.13 | 4.78E-03 |
| 3.00E-02 | 1.17E-03 | 6.00E-02 | 2.45E-03 | 9.00E-02 | 4.85E-03 | 0.13 | 5.09E-03 |
| 3.00E-02 | 1.10E-03 | 6.00E-02 | 2.48E-03 | 9.00E-02 | 4.70E-03 | 0.13 | 3.67E-03 |
| 3.00E-02 | 1.01E-03 | 6.00E-02 | 2.52E-03 | 10.00E-02 | 4.00E-03 | 0.13 | 5.06E-03 |
| 3.00E-02 | 1.21E-03 | 6.00E-02 | 2.57E-03 | 10.00E-02 | 4.00E-03 | 0.13 | 8.23E-03 |
| 3.00E-02 | 1.21E-03 | 6.00E-02 | 2.61E-03 | 10.00E-02 | 3.98E-03 | 0.13 | 1.05E-02 |
| 3.00E-02 | 1.21E-03 | 6.00E-02 | 2.61E-03 | 10.00E-02 | 3.99E-03 | 0.13 | 1.24E-02 |
| 3.00E-02 | 1.21E-03 | 6.00E-02 | 2.53E-03 | 10.00E-02 | 4.06E-03 | 0.13 | 1.31E-02 |
| 3.00E-02 | 1.22E-03 | 6.00E-02 | 2.35E-03 | 10.00E-02 | 4.06E-03 | 0.13 | 1.31E-02 |
| 3.00E-02 | 1.22E-03 | 7.00E-02 | 2.83E-03 | 10.00E-02 | 4.26E-03 | 0.13 | 1.31E-02 |
| 3.00E-02 | 1.22E-03 | 7.00E-02 | 2.83E-03 | 10.00E-02 | 4.67E-03 | 0.13 | 1.31E-02 |
| 3.00E-02 | 1.20E-03 | 7.00E-02 | 2.84E-03 | 10.00E-02 | 5.22E-03 | 0.13 | 1.31E-02 |
| 3.00E-02 | 1.17E-03 | 7.00E-02 | 2.86E-03 | 10.00E-02 | 5.74E-03 | 0.13 | 1.31E-02 |
| 3.00E-02 | 1.10E-03 | 7.00E-02 | 2.90E-03 | 10.00E-02 | 6.04E-03 | 0.13 | 1.31E-02 |
| 3.00E-02 | 1.01E-03 | 7.00E-02 | 2.98E-03 | 10.00E-02 | 5.96E-03 | 0.13 | 1.31E-02 |
| 4.00E-02 | 1.61E-03 | 7.00E-02 | 3.07E-03 | 10.00E-02 | 4.00E-03 | 0.13 | 5.06E-03 |
| 4.00E-02 | 1.61E-03 | 7.00E-02 | 3.17E-03 | 10.00E-02 | 4.00E-03 | 0.13 | 8.23E-03 |
| 4.00E-02 | 1.62E-03 | 7.00E-02 | 3.21E-03 | 10.00E-02 | 3.98E-03 | 0.13 | 1.05E-02 |
| 4.00E-02 | 1.62E-03 | 7.00E-02 | 3.16E-03 | 10.00E-02 | 3.99E-03 | 0.13 | 1.24E-02 |
| 4.00E-02 | 1.63E-03 | 7.00E-02 | 2.97E-03 | 10.00E-02 | 4.06E-03 | 0.13 | 1.31E-02 |
| 4.00E-02 | 1.64E-03 | 7.00E-02 | 2.83E-03 | 10.00E-02 | 4.26E-03 | 0.13 | 1.31E-02 |
| 4.00E-02 | 1.64E-03 | 7.00E-02 | 2.83E-03 | 10.00E-02 | 4.67E-03 | 0.13 | 1.31E-02 |



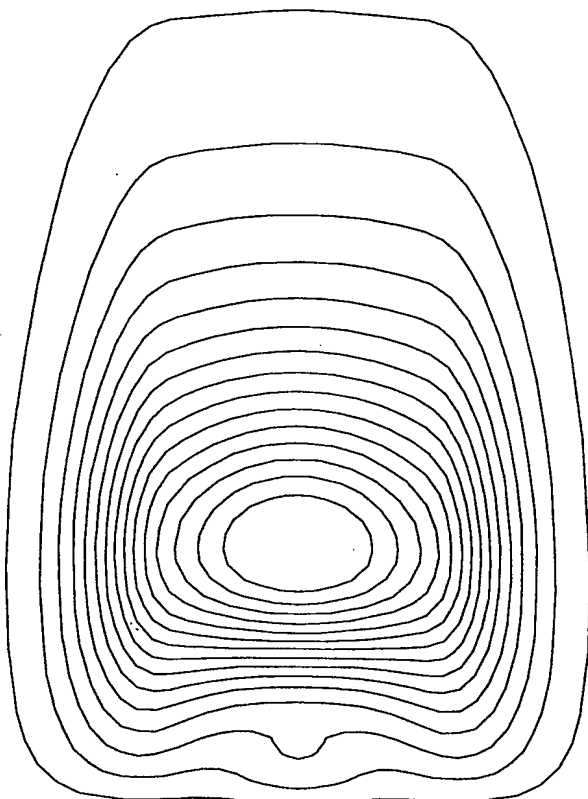
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FIG. 3

| | |
|-----------|----------|
| 0.00E+01 | 0.00E+01 |
| 10.00E-03 | 3.91E-04 |
| 2.00E-02 | 7.80E-04 |
| 3.00E-02 | 1.17E-03 |
| 4.00E-02 | 1.55E-03 |
| 5.00E-02 | 1.92E-03 |
| 6.00E-02 | 2.28E-03 |
| 7.00E-02 | 2.63E-03 |
| 8.00E-02 | 2.97E-03 |
| 9.00E-02 | 3.28E-03 |
| 10.00E-02 | 3.57E-03 |
| 0.11 | 3.84E-03 |
| 0.12 | 4.08E-03 |
| 0.13 | 4.30E-03 |
| 0.00E+01 | 0.00E+01 |
| 10.00E-03 | 3.91E-04 |
| 2.00E-02 | 7.80E-04 |
| 3.00E-02 | 1.17E-03 |
| 4.00E-02 | 1.55E-03 |
| 5.00E-02 | 1.92E-03 |
| 6.00E-02 | 2.28E-03 |
| 7.00E-02 | 2.63E-03 |
| 8.00E-02 | 2.97E-03 |
| 9.00E-02 | 3.28E-03 |
| 10.00E-02 | 3.57E-03 |
| 0.11 | 3.84E-03 |
| 0.12 | 4.08E-03 |
| 0.13 | 4.30E-03 |

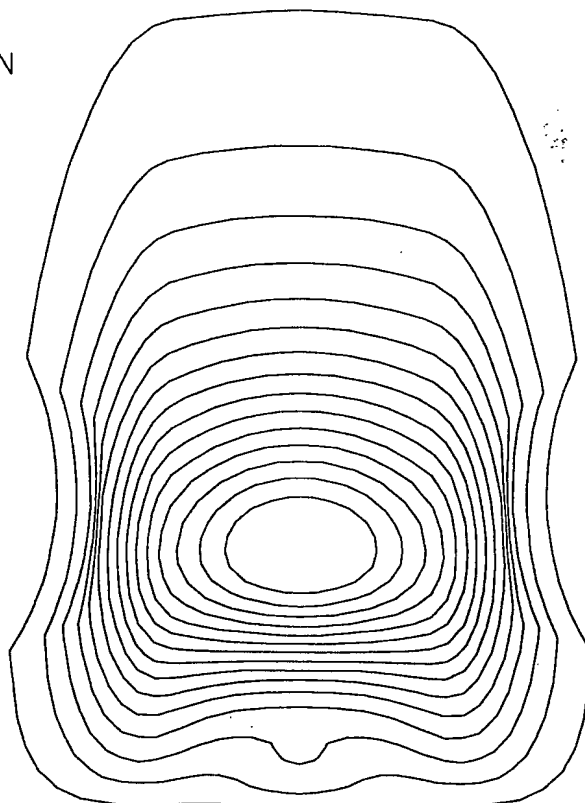
FIG. 4

| | | | |
|-----------|----------|-----------|-----------|
| 0.00E+01 | 0.00E+01 | 0.00E+01 | 0.00E+01 |
| 10.00E-03 | 4.01E-04 | 10.00E-03 | 2.92E-04 |
| 2.00E-02 | 8.05E-04 | 2.00E-02 | 6.10E-04 |
| 3.00E-02 | 1.21E-03 | 3.00E-02 | 9.81E-03 |
| 4.00E-02 | 1.62E-03 | 4.00E-02 | 1.43E-03 |
| 5.00E-02 | 2.03E-03 | 5.00E-02 | 1.96E-03 |
| 6.00E-02 | 2.44E-03 | 6.00E-02 | 2.57E-03 |
| 7.00E-02 | 2.84E-03 | 7.00E-02 | 3.26E-03 |
| 8.00E-02 | 3.23E-03 | 8.00E-02 | 3.99E-03 |
| 9.00E-02 | 3.61E-03 | 9.00E-02 | 4.73E-03 |
| 10.00E-02 | 3.95E-03 | 10.00E-02 | 5.44E-03 |
| 0.11 | 4.26E-03 | 0.11 | 6.08E-03 |
| 0.12 | 4.53E-03 | 0.12 | 6.63E-03 |
| 0.13 | 4.74E-03 | 0.13 | 7.05E-03 |
| 0.00E+01 | 0.00E+01 | 0.00E+01 | 0.00E+01 |
| 10.00E-03 | 4.00E-04 | 10.00E-03 | 1.88E-04 |
| 2.00E-02 | 8.03E-04 | 2.00E-02 | 4.13E-04 |
| 3.00E-02 | 1.21E-03 | 3.00E-02 | 7.17E-03 |
| 4.00E-02 | 1.63E-03 | 4.00E-02 | 1.14E-03 |
| 5.00E-02 | 2.05E-03 | 5.00E-02 | 1.71E-03 |
| 6.00E-02 | 2.47E-03 | 6.00E-02 | 2.44E-03 |
| 7.00E-02 | 2.89E-03 | 7.00E-02 | 3.29E-03 |
| 8.00E-02 | 3.31E-03 | 8.00E-02 | 4.22E-03 |
| 9.00E-02 | 3.70E-03 | 9.00E-02 | 5.17E-03 |
| 10.00E-02 | 4.07E-03 | 10.00E-02 | 6.09E-03 |
| 0.11 | 4.40E-03 | 0.11 | 6.93E-03 |
| 0.12 | 4.68E-03 | 0.12 | 7.63E-03 |
| 0.13 | 4.91E-03 | 0.13 | 8.16E-03 |
| 0.00E+01 | 0.00E+01 | 0.00E+01 | 0.00E+01 |
| 10.00E-03 | 3.94E-04 | 10.00E-03 | 2.64E-05 |
| 2.00E-02 | 7.95E-04 | 2.00E-02 | 8.15E-05 |
| 3.00E-02 | 1.21E-03 | 3.00E-02 | 2.40E-04 |
| 4.00E-02 | 1.63E-03 | 4.00E-02 | 5.94E-04 |
| 5.00E-02 | 2.07E-03 | 5.00E-02 | 1.20E-03 |
| 6.00E-02 | 2.52E-03 | 6.00E-02 | 2.08E-03 |
| 7.00E-02 | 2.97E-03 | 7.00E-02 | 3.18E-03 |
| 8.00E-02 | 3.42E-03 | 8.00E-02 | 4.42E-03 |
| 9.00E-02 | 3.86E-03 | 9.00E-02 | 5.71E-03 |
| 10.00E-02 | 4.26E-03 | 10.00E-02 | 6.95E-03 |
| 0.11 | 4.63E-03 | 0.11 | 8.05E-03 |
| 0.12 | 4.95E-03 | 0.12 | 8.97E-03 |
| 0.13 | 5.20E-03 | 0.13 | 9.65E-03 |
| 0.00E+01 | 0.00E+01 | 0.00E+01 | 0.00E+01 |
| 10.00E-03 | 3.81E-04 | 10.00E-03 | -1.55E-04 |
| 2.00E-02 | 7.71E-04 | 2.00E-02 | -4.14E-04 |
| 3.00E-02 | 1.18E-03 | 3.00E-02 | -5.92E-04 |
| 4.00E-02 | 1.62E-03 | 4.00E-02 | -4.22E-04 |
| 5.00E-02 | 2.08E-03 | 5.00E-02 | 2.04E-04 |
| 6.00E-02 | 2.57E-03 | 6.00E-02 | 1.31E-03 |
| 7.00E-02 | 3.07E-03 | 7.00E-02 | 2.83E-03 |
| 8.00E-02 | 3.58E-03 | 8.00E-02 | 4.58E-03 |
| 9.00E-02 | 4.08E-03 | 9.00E-02 | 6.38E-03 |
| 10.00E-02 | 4.55E-03 | 10.00E-02 | 8.08E-03 |
| 0.11 | 4.97E-03 | 0.11 | 9.58E-03 |
| 0.12 | 5.34E-03 | 0.12 | 1.08E-03 |
| 0.13 | 5.63E-03 | 0.13 | 1.17E-03 |
| 0.00E+01 | 0.00E+01 | 0.00E+01 | 0.00E+01 |
| 10.00E-03 | 3.50E-04 | 10.00E-03 | 6.80E-05 |
| 2.00E-02 | 7.18E-04 | 2.00E-02 | -9.64E-04 |
| 3.00E-02 | 1.12E-03 | 3.00E-02 | -2.10E-03 |
| 4.00E-02 | 1.56E-03 | 4.00E-02 | -2.28E-03 |
| 5.00E-02 | 2.06E-03 | 5.00E-02 | -1.73E-03 |
| 6.00E-02 | 2.60E-03 | 6.00E-02 | -2.29E-04 |
| 7.00E-02 | 3.18E-03 | 7.00E-02 | 2.05E-03 |
| 8.00E-02 | 3.77E-03 | 8.00E-02 | 4.65E-03 |
| 9.00E-02 | 4.37E-03 | 9.00E-02 | 7.33E-03 |
| 10.00E-02 | 4.93E-03 | 10.00E-02 | 9.62E-03 |
| 0.11 | 5.45E-03 | 0.11 | 1.17E-02 |
| 0.12 | 5.89E-03 | 0.12 | 1.33E-02 |
| 0.13 | 6.23E-03 | 0.13 | 1.45E-02 |



PRIMARY COIL: REGULAR
BIPLANAR Y GRADIENT PATTERN

FIG. 52

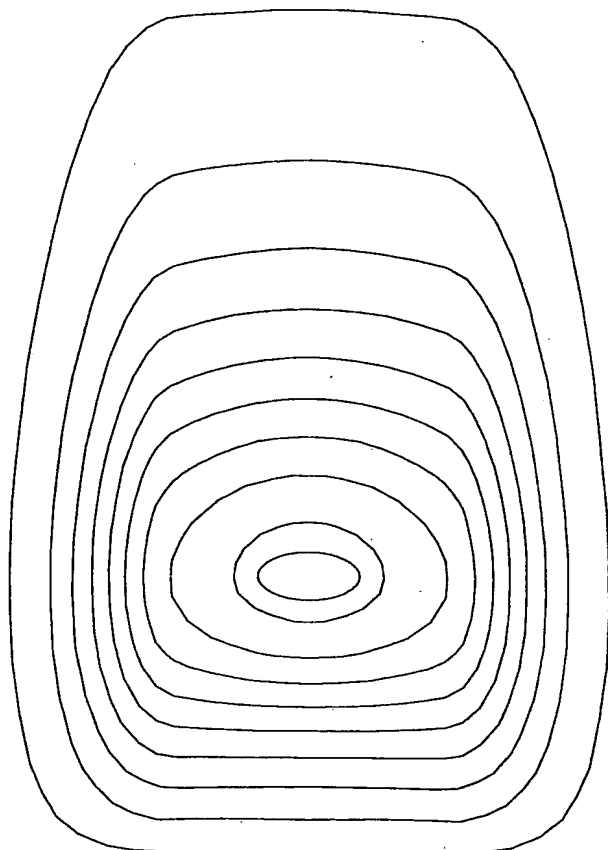


PRIMARY COIL: PARABOLIC CUT-OFFS FOR THE
BIPLANAR Y GRADIENT PATTERN

FIG. 53

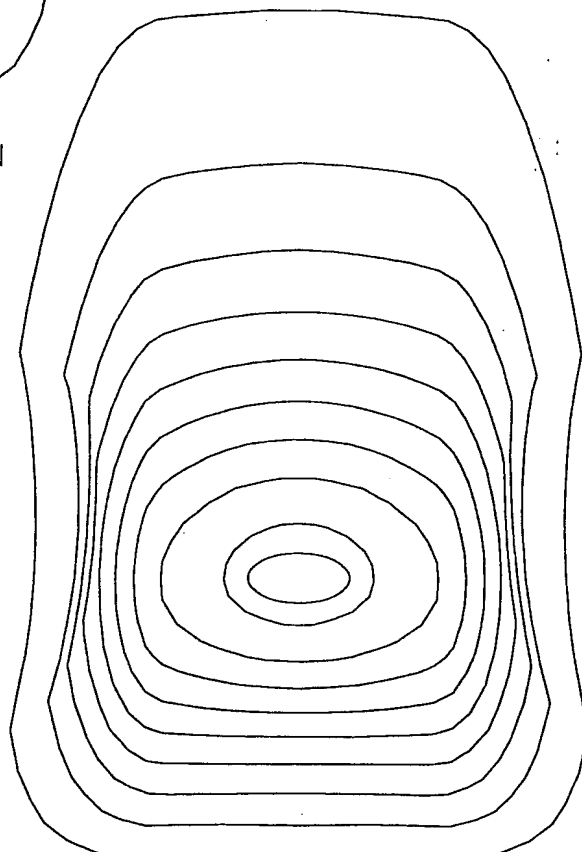


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SECONDARY COIL: REGULAR
BIPLANAR Y GRADIENT PATTERN

FIG. ~~7A~~
4A



SECONDARY COIL: PARABOLIC CUT-OFFS FOR THE
BIPLANAR Y GRADIENT PATTERN

FIG. ~~7B~~ 4B



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~~FIG. 8~~

| | |
|-----------|----------|
| 10.00E-03 | 3.87E-04 |
| 2.00E-02 | 7.76E-04 |
| 3.00E-02 | 1.17E-03 |
| 4.00E-02 | 1.56E-03 |
| 5.00E-02 | 1.96E-03 |
| 6.00E-02 | 2.37E-03 |
| 7.00E-02 | 2.78E-03 |
| 8.00E-02 | 3.21E-03 |
| 9.00E-02 | 3.67E-03 |
| 10.00E-02 | 4.17E-03 |
| 0.11 | 4.72E-03 |
| 0.12 | 5.27E-03 |
| 0.13 | 5.39E-03 |

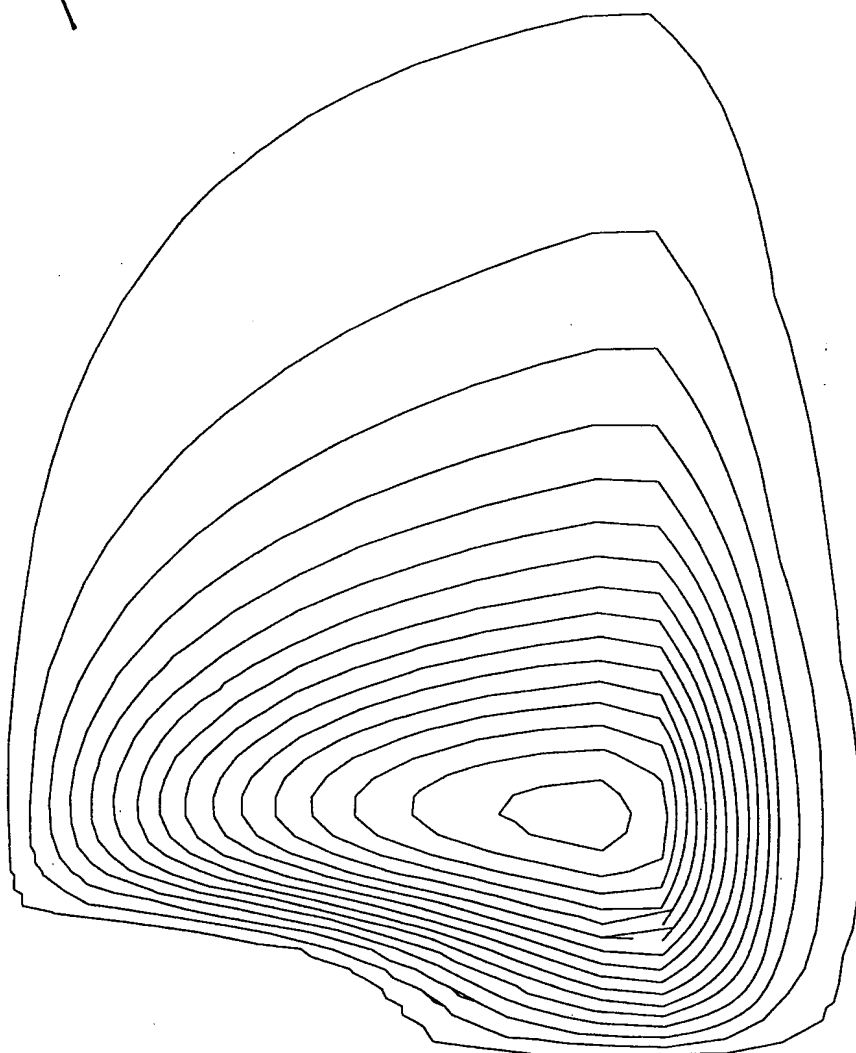


FIG. 5

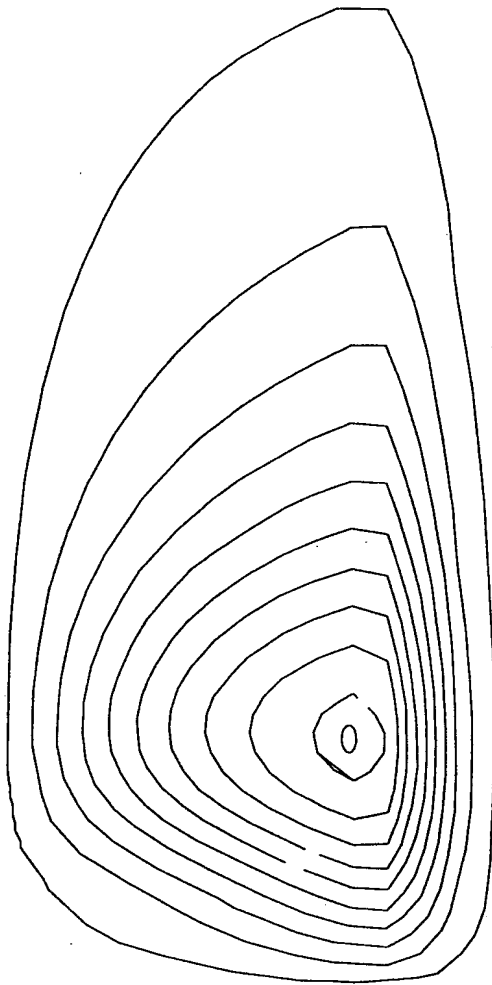


FIG. ~~1Q~~ 6

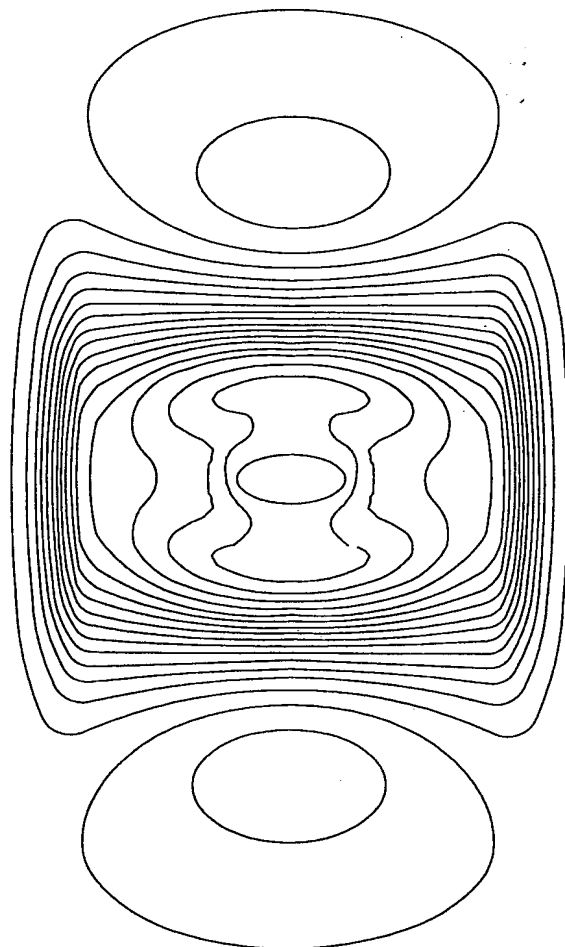


FIG. ~~11~~ 7



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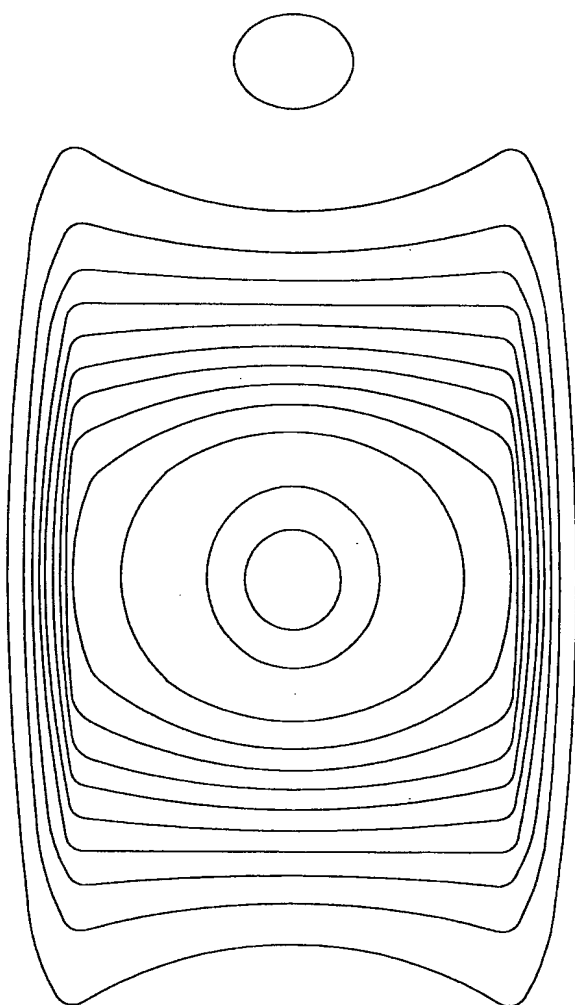


FIG. ~~12~~ 8

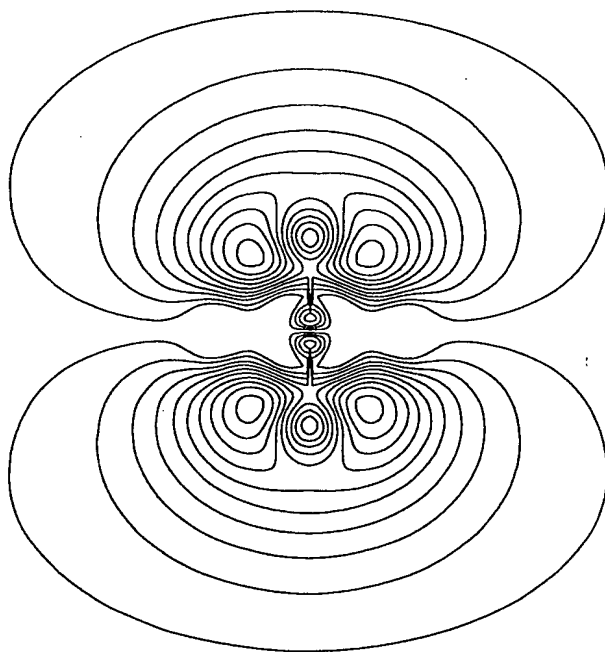


FIG. ~~13~~ 9



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FIG. 14

| | | | | | | | | |
|------|----------|----------|------|----------|----------|------|----------|----------|
| 0.1 | 0.00E+01 | 0.00E+01 | 0.13 | 7.50E-02 | 3.37E-03 | 0.17 | 2.50E-02 | 9.89E-04 |
| 0.1 | 6.25E-03 | 2.51E-04 | 0.13 | 8.13E-02 | 3.69E-03 | 0.17 | 3.13E-02 | 1.24E-03 |
| 0.1 | 1.25E-02 | 5.00E-04 | 0.13 | 8.75E-02 | 4.01E-03 | 0.17 | 3.75E-02 | 1.49E-03 |
| 0.1 | 1.88E-02 | 7.45E-04 | 0.13 | 9.38E-02 | 4.34E-03 | 0.17 | 4.38E-02 | 1.74E-03 |
| 0.1 | 2.50E-02 | 9.86E-04 | 0.13 | 0.1 | 4.66E-03 | 0.17 | 5.00E-02 | 1.99E-03 |
| 0.1 | 3.13E-02 | 1.22E-03 | 0.13 | 0.10625 | 4.98E-03 | 0.17 | 5.63E-02 | 2.25E-03 |
| 0.1 | 3.75E-02 | 1.46E-03 | 0.13 | 0.1125 | 5.28E-03 | 0.17 | 6.25E-02 | 2.50E-03 |
| 0.1 | 4.38E-02 | 1.71E-03 | 0.13 | 0.11875 | 5.57E-03 | 0.17 | 6.88E-02 | 2.75E-03 |
| 0.1 | 5.00E-02 | 1.97E-03 | 0.14 | 0.00E+01 | 0.00E+01 | 0.17 | 7.50E-02 | 3.01E-03 |
| 0.1 | 5.63E-02 | 2.24E-03 | 0.14 | 6.25E-03 | 2.59E-04 | 0.17 | 8.13E-02 | 3.26E-03 |
| 0.1 | 6.25E-02 | 2.53E-03 | 0.14 | 1.25E-02 | 5.19E-04 | 0.17 | 8.75E-02 | 3.51E-03 |
| 0.1 | 6.88E-02 | 2.85E-03 | 0.14 | 1.88E-02 | 7.81E-04 | 0.17 | 9.38E-02 | 3.75E-03 |
| 0.1 | 7.50E-02 | 3.20E-03 | 0.14 | 2.50E-02 | 1.05E-03 | 0.17 | 0.1 | 3.99E-03 |
| 0.1 | 8.13E-02 | 3.57E-03 | 0.14 | 3.13E-02 | 1.31E-03 | 0.17 | 0.10625 | 4.23E-03 |
| 0.1 | 8.75E-02 | 3.97E-03 | 0.14 | 3.75E-02 | 1.58E-03 | 0.17 | 0.1125 | 4.45E-03 |
| 0.1 | 9.38E-02 | 4.38E-03 | 0.14 | 4.38E-02 | 1.86E-03 | 0.17 | 0.11875 | 4.67E-03 |
| 0.1 | 0.1 | 4.80E-03 | 0.14 | 5.00E-02 | 2.14E-03 | 0.18 | 0.00E+01 | 0.00E+01 |
| 0.1 | 0.10625 | 5.22E-03 | 0.14 | 5.63E-02 | 2.43E-03 | 0.18 | 6.25E-03 | 2.39E-04 |
| 0.1 | 0.1125 | 5.63E-03 | 0.14 | 6.25E-02 | 2.72E-03 | 0.18 | 1.25E-02 | 4.77E-04 |
| 0.1 | 0.11875 | 6.01E-03 | 0.14 | 6.88E-02 | 3.02E-03 | 0.18 | 1.88E-02 | 7.16E-04 |
| 0.11 | 0.00E+01 | 0.00E+01 | 0.14 | 7.50E-02 | 3.32E-03 | 0.18 | 2.50E-02 | 9.56E-04 |
| 0.11 | 6.25E-03 | 2.51E-04 | 0.14 | 8.13E-02 | 3.62E-03 | 0.18 | 3.13E-02 | 1.20E-03 |
| 0.11 | 1.25E-02 | 5.02E-04 | 0.14 | 8.75E-02 | 3.92E-03 | 0.18 | 3.75E-02 | 1.44E-03 |
| 0.11 | 1.88E-02 | 7.53E-04 | 0.14 | 9.38E-02 | 4.22E-03 | 0.18 | 4.38E-02 | 1.68E-03 |
| 0.11 | 2.50E-02 | 1.00E-03 | 0.14 | 0.1 | 4.52E-03 | 0.18 | 5.00E-02 | 1.92E-03 |
| 0.11 | 3.13E-02 | 1.26E-03 | 0.14 | 0.10625 | 4.81E-03 | 0.18 | 5.63E-02 | 2.16E-03 |
| 0.11 | 3.75E-02 | 1.52E-03 | 0.14 | 0.1125 | 5.09E-03 | 0.18 | 6.25E-02 | 2.40E-03 |
| 0.11 | 4.38E-02 | 1.79E-03 | 0.14 | 0.11875 | 5.36E-03 | 0.18 | 6.88E-02 | 2.64E-03 |
| 0.11 | 5.00E-02 | 2.06E-03 | 0.15 | 0.00E+01 | 0.00E+01 | 0.18 | 7.50E-02 | 2.88E-03 |
| 0.11 | 5.63E-02 | 2.35E-03 | 0.15 | 6.25E-03 | 2.57E-04 | 0.18 | 8.13E-02 | 3.11E-03 |
| 0.11 | 6.25E-02 | 2.66E-03 | 0.15 | 1.25E-02 | 5.15E-04 | 0.18 | 8.75E-02 | 3.35E-03 |
| 0.11 | 6.88E-02 | 2.99E-03 | 0.15 | 1.88E-02 | 7.75E-04 | 0.18 | 9.38E-02 | 3.58E-03 |
| 0.11 | 7.50E-02 | 3.33E-03 | 0.15 | 2.50E-02 | 1.04E-03 | 0.18 | 0.1 | 3.80E-03 |
| 0.11 | 8.13E-02 | 3.69E-03 | 0.15 | 3.13E-02 | 1.30E-03 | 0.18 | 0.10625 | 4.02E-03 |
| 0.11 | 8.75E-02 | 4.06E-03 | 0.15 | 3.75E-02 | 1.57E-03 | 0.18 | 0.1125 | 4.23E-03 |
| 0.11 | 9.38E-02 | 4.44E-03 | 0.15 | 4.38E-02 | 1.84E-03 | 0.18 | 0.11875 | 4.43E-03 |
| 0.11 | 0.1 | 4.82E-03 | 0.15 | 5.00E-02 | 2.11E-03 | 0.19 | 0.00E+01 | 0.00E+01 |
| 0.11 | 0.10625 | 5.20E-03 | 0.15 | 5.63E-02 | 2.39E-03 | 0.19 | 6.25E-03 | 2.29E-04 |
| 0.11 | 0.1125 | 5.56E-03 | 0.15 | 6.25E-02 | 2.67E-03 | 0.19 | 1.25E-02 | 4.59E-04 |
| 0.11 | 0.11875 | 5.91E-03 | 0.15 | 6.88E-02 | 2.95E-03 | 0.19 | 1.88E-02 | 6.88E-04 |
| 0.12 | 0.00E+01 | 0.00E+01 | 0.15 | 7.50E-02 | 3.23E-03 | 0.19 | 2.50E-02 | 9.18E-04 |
| 0.12 | 6.25E-03 | 2.55E-04 | 0.15 | 8.13E-02 | 3.52E-03 | 0.19 | 3.13E-02 | 1.15E-03 |
| 0.12 | 1.25E-02 | 5.11E-04 | 0.15 | 8.75E-02 | 3.80E-03 | 0.19 | 3.75E-02 | 1.38E-03 |
| 0.12 | 1.88E-02 | 7.68E-04 | 0.15 | 9.38E-02 | 4.08E-03 | 0.19 | 4.38E-02 | 1.61E-03 |
| 0.12 | 2.50E-02 | 1.03E-03 | 0.15 | 0.1 | 4.36E-03 | 0.19 | 5.00E-02 | 1.84E-03 |
| 0.12 | 3.13E-02 | 1.29E-03 | 0.15 | 0.10625 | 4.63E-03 | 0.19 | 5.63E-02 | 2.07E-03 |
| 0.12 | 3.75E-02 | 1.56E-03 | 0.15 | 0.1125 | 4.89E-03 | 0.19 | 6.25E-02 | 2.29E-03 |
| 0.12 | 4.38E-02 | 1.84E-03 | 0.15 | 0.11875 | 5.14E-03 | 0.19 | 6.88E-02 | 2.52E-03 |
| 0.12 | 5.00E-02 | 2.12E-03 | 0.16 | 0.00E+01 | 0.00E+01 | 0.19 | 7.50E-02 | 2.74E-03 |
| 0.12 | 5.63E-02 | 2.42E-03 | 0.16 | 6.25E-03 | 2.53E-04 | 0.19 | 8.13E-02 | 2.96E-03 |
| 0.12 | 6.25E-02 | 2.73E-03 | 0.16 | 1.25E-02 | 5.07E-04 | 0.19 | 8.75E-02 | 3.18E-03 |
| 0.12 | 6.88E-02 | 3.05E-03 | 0.16 | 1.88E-02 | 7.61E-04 | 0.19 | 9.38E-02 | 3.40E-03 |
| 0.12 | 7.50E-02 | 3.38E-03 | 0.16 | 2.50E-02 | 1.02E-03 | 0.19 | 0.1 | 3.61E-03 |
| 0.12 | 8.13E-02 | 3.72E-03 | 0.16 | 3.13E-02 | 1.27E-03 | 0.19 | 0.10625 | 3.81E-03 |
| 0.12 | 8.75E-02 | 4.07E-03 | 0.16 | 3.75E-02 | 1.53E-03 | 0.19 | 0.1125 | 4.01E-03 |
| 0.12 | 9.38E-02 | 4.42E-03 | 0.16 | 4.38E-02 | 1.80E-03 | 0.19 | 0.11875 | 4.20E-03 |
| 0.12 | 0.1 | 4.76E-03 | 0.16 | 5.00E-02 | 2.06E-03 | 0.2 | 0.00E+01 | 0.00E+01 |
| 0.12 | 0.10625 | 5.11E-03 | 0.16 | 5.63E-02 | 2.32E-03 | 0.2 | 6.25E-03 | 2.20E-04 |
| 0.12 | 0.1125 | 5.44E-03 | 0.16 | 6.25E-02 | 2.59E-03 | 0.2 | 1.25E-02 | 4.39E-04 |
| 0.12 | 0.11875 | 5.76E-03 | 0.16 | 6.88E-02 | 2.86E-03 | 0.2 | 1.88E-02 | 6.58E-04 |
| 0.13 | 0.00E+01 | 0.00E+01 | 0.16 | 7.50E-02 | 3.13E-03 | 0.2 | 2.50E-02 | 8.78E-04 |
| 0.13 | 6.25E-03 | 2.58E-04 | 0.16 | 8.13E-02 | 3.39E-03 | 0.2 | 3.13E-02 | 1.10E-03 |
| 0.13 | 1.25E-02 | 5.17E-04 | 0.16 | 8.75E-02 | 3.66E-03 | 0.2 | 3.75E-02 | 1.32E-03 |
| 0.13 | 1.88E-02 | 7.78E-04 | 0.16 | 9.38E-02 | 3.92E-03 | 0.2 | 4.38E-02 | 1.53E-03 |
| 0.13 | 2.50E-02 | 1.04E-03 | 0.16 | 0.1 | 4.18E-03 | 0.2 | 5.00E-02 | 1.75E-03 |
| 0.13 | 3.13E-02 | 1.31E-03 | 0.16 | 0.10625 | 4.43E-03 | 0.2 | 5.63E-02 | 1.97E-03 |
| 0.13 | 3.75E-02 | 1.58E-03 | 0.16 | 0.1125 | 4.67E-03 | 0.2 | 6.25E-02 | 2.18E-03 |
| 0.13 | 4.38E-02 | 1.86E-03 | 0.16 | 0.11875 | 4.91E-03 | 0.2 | 6.88E-02 | 2.40E-03 |
| 0.13 | 5.00E-02 | 2.15E-03 | 0.17 | 0.00E+01 | 0.00E+01 | 0.2 | 7.50E-02 | 2.61E-03 |
| 0.13 | 5.63E-02 | 2.44E-03 | 0.17 | 6.25E-03 | 2.47E-04 | 0.2 | 8.13E-02 | 2.82E-03 |
| 0.13 | 6.25E-02 | 2.74E-03 | 0.17 | 1.25E-02 | 4.93E-04 | | | |
| 0.13 | 6.88E-02 | 3.05E-03 | 0.17 | 1.88E-02 | 7.41E-04 | | | |

(TO SHEET 10)



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(FROM SHEET 9)

| | | | | | | | | |
|------|----------|----------|------|----------|----------|------|----------|----------|
| 0.2 | 8.75E-02 | 3.02E-03 | 0.24 | 2.50E-02 | 7.11E-04 | 0.27 | 0.1 | 2.26E-03 |
| 0.2 | 9.38E-02 | 3.22E-03 | 0.24 | 3.13E-02 | 8.87E-04 | 0.27 | 0.10625 | 2.38E-03 |
| 0.2 | 0.1 | 3.42E-03 | 0.24 | 3.75E-02 | 1.06E-03 | 0.27 | 0.1125 | 2.50E-03 |
| 0.2 | 0.10625 | 3.61E-03 | 0.24 | 4.38E-02 | 1.24E-03 | 0.27 | 0.11875 | 2.62E-03 |
| 0.2 | 0.1125 | 3.79E-03 | 0.24 | 5.00E-02 | 1.41E-03 | 0.28 | 0.00E+01 | 0.00E+01 |
| 0.2 | 0.11875 | 3.97E-03 | 0.24 | 5.63E-02 | 1.58E-03 | 0.28 | 6.25E-03 | 1.41E-04 |
| 0.21 | 0.00E+01 | 0.00E+01 | 0.24 | 6.25E-02 | 1.75E-03 | 0.28 | 1.25E-02 | 2.81E-04 |
| 0.21 | 6.25E-03 | 2.09E-04 | 0.24 | 6.88E-02 | 1.92E-03 | 0.28 | 1.88E-02 | 4.21E-04 |
| 0.21 | 1.25E-02 | 4.18E-04 | 0.24 | 7.50E-02 | 2.08E-03 | 0.28 | 2.50E-02 | 5.61E-04 |
| 0.21 | 1.88E-02 | 6.27E-04 | 0.24 | 8.13E-02 | 2.25E-03 | 0.28 | 3.13E-02 | 7.00E-04 |
| 0.21 | 2.50E-02 | 8.36E-04 | 0.24 | 8.75E-02 | 2.40E-03 | 0.28 | 3.75E-02 | 8.38E-04 |
| 0.21 | 3.13E-02 | 1.04E-03 | 0.24 | 9.38E-02 | 2.56E-03 | 0.28 | 4.38E-02 | 9.75E-04 |
| 0.21 | 3.75E-02 | 1.25E-03 | 0.24 | 0.1 | 2.71E-03 | 0.28 | 5.00E-02 | 1.11E-03 |
| 0.21 | 4.38E-02 | 1.46E-03 | 0.24 | 0.10625 | 2.86E-03 | 0.28 | 5.63E-02 | 1.24E-03 |
| 0.21 | 5.00E-02 | 1.66E-03 | 0.24 | 0.1125 | 3.00E-03 | 0.28 | 6.25E-02 | 1.38E-03 |
| 0.21 | 5.63E-02 | 1.87E-03 | 0.24 | 0.11875 | 3.14E-03 | 0.28 | 6.88E-02 | 1.51E-03 |
| 0.21 | 6.25E-02 | 2.07E-03 | 0.25 | 0.00E+01 | 0.00E+01 | 0.28 | 7.50E-02 | 1.64E-03 |
| 0.21 | 6.88E-02 | 2.27E-03 | 0.25 | 6.25E-03 | 1.68E-04 | 0.28 | 8.13E-02 | 1.76E-03 |
| 0.21 | 7.50E-02 | 2.47E-03 | 0.25 | 1.25E-02 | 3.36E-04 | 0.28 | 8.75E-02 | 1.89E-03 |
| 0.21 | 8.13E-02 | 2.67E-03 | 0.25 | 1.88E-02 | 5.04E-04 | 0.28 | 9.38E-02 | 2.01E-03 |
| 0.21 | 8.75E-02 | 2.86E-03 | 0.25 | 2.50E-02 | 6.71E-04 | 0.28 | 0.1 | 2.13E-03 |
| 0.21 | 9.38E-02 | 3.05E-03 | 0.25 | 3.13E-02 | 8.38E-04 | 0.28 | 0.10625 | 2.24E-03 |
| 0.21 | 0.1 | 3.23E-03 | 0.25 | 3.75E-02 | 1.00E-03 | 0.28 | 0.1125 | 2.35E-03 |
| 0.21 | 0.10625 | 3.41E-03 | 0.25 | 4.38E-02 | 1.17E-03 | 0.28 | 0.11875 | 2.46E-03 |
| 0.21 | 0.1125 | 3.58E-03 | 0.25 | 5.00E-02 | 1.33E-03 | 0.29 | 0.00E+01 | 0.00E+01 |
| 0.21 | 0.11875 | 3.75E-03 | 0.25 | 5.63E-02 | 1.49E-03 | 0.29 | 6.25E-03 | 1.32E-04 |
| 0.22 | 0.00E+01 | 0.00E+01 | 0.25 | 6.25E-02 | 1.65E-03 | 0.29 | 1.25E-02 | 2.65E-04 |
| 0.22 | 6.25E-03 | 1.99E-04 | 0.25 | 6.88E-02 | 1.81E-03 | 0.29 | 1.88E-02 | 3.97E-04 |
| 0.22 | 1.25E-02 | 3.97E-04 | 0.25 | 7.50E-02 | 1.96E-03 | 0.29 | 2.50E-02 | 5.28E-04 |
| 0.22 | 1.88E-02 | 5.96E-04 | 0.25 | 8.13E-02 | 2.12E-03 | 0.29 | 3.13E-02 | 6.59E-04 |
| 0.22 | 2.50E-02 | 7.94E-04 | 0.25 | 8.75E-02 | 2.26E-03 | 0.29 | 3.75E-02 | 7.88E-04 |
| 0.22 | 3.13E-02 | 9.91E-04 | 0.25 | 9.38E-02 | 2.41E-03 | 0.29 | 4.38E-02 | 9.17E-04 |
| 0.22 | 3.75E-02 | 1.19E-03 | 0.25 | 0.1 | 2.55E-03 | 0.29 | 5.00E-02 | 1.04E-03 |
| 0.22 | 4.38E-02 | 1.38E-03 | 0.25 | 0.10625 | 2.69E-03 | 0.29 | 5.63E-02 | 1.17E-03 |
| 0.22 | 5.00E-02 | 1.58E-03 | 0.25 | 0.1125 | 2.83E-03 | 0.29 | 6.25E-02 | 1.30E-03 |
| 0.22 | 5.63E-02 | 1.77E-03 | 0.25 | 0.11875 | 2.96E-03 | 0.29 | 6.88E-02 | 1.42E-03 |
| 0.22 | 6.25E-02 | 1.96E-03 | 0.26 | 0.00E+01 | 0.00E+01 | 0.29 | 7.50E-02 | 1.54E-03 |
| 0.22 | 6.88E-02 | 2.15E-03 | 0.26 | 6.25E-03 | 1.59E-04 | 0.29 | 8.13E-02 | 1.66E-03 |
| 0.22 | 7.50E-02 | 2.34E-03 | 0.26 | 1.25E-02 | 3.17E-04 | 0.29 | 8.75E-02 | 1.77E-03 |
| 0.22 | 8.13E-02 | 2.52E-03 | 0.26 | 1.88E-02 | 4.75E-04 | 0.29 | 9.38E-02 | 1.89E-03 |
| 0.22 | 8.75E-02 | 2.70E-03 | 0.26 | 2.50E-02 | 6.33E-04 | 0.29 | 0.1 | 2.00E-03 |
| 0.22 | 9.38E-02 | 2.88E-03 | 0.26 | 3.13E-02 | 7.90E-04 | 0.29 | 0.10625 | 2.11E-03 |
| 0.22 | 0.1 | 3.05E-03 | 0.26 | 3.75E-02 | 9.46E-04 | 0.29 | 0.1125 | 2.21E-03 |
| 0.22 | 0.10625 | 3.22E-03 | 0.26 | 4.38E-02 | 1.10E-03 | 0.29 | 0.11875 | 2.31E-03 |
| 0.22 | 0.1125 | 3.38E-03 | 0.26 | 5.00E-02 | 1.25E-03 | 0.3 | 0.00E+01 | 0.00E+01 |
| 0.22 | 0.11875 | 3.54E-03 | 0.26 | 5.63E-02 | 1.41E-03 | 0.3 | 6.25E-03 | 1.25E-04 |
| 0.23 | 0.00E+01 | 0.00E+01 | 0.26 | 6.25E-02 | 1.56E-03 | 0.3 | 1.25E-02 | 2.49E-04 |
| 0.23 | 6.25E-03 | 1.88E-04 | 0.26 | 6.88E-02 | 1.70E-03 | 0.3 | 1.88E-02 | 3.73E-04 |
| 0.23 | 1.25E-02 | 3.77E-04 | 0.26 | 7.50E-02 | 1.85E-03 | 0.3 | 2.50E-02 | 4.96E-04 |
| 0.23 | 1.88E-02 | 5.65E-04 | 0.26 | 8.13E-02 | 1.99E-03 | 0.3 | 3.13E-02 | 6.19E-04 |
| 0.23 | 2.50E-02 | 7.52E-04 | 0.26 | 8.75E-02 | 2.13E-03 | 0.3 | 3.75E-02 | 7.41E-04 |
| 0.23 | 3.13E-02 | 9.39E-04 | 0.26 | 9.38E-02 | 2.27E-03 | 0.3 | 4.38E-02 | 8.62E-04 |
| 0.23 | 3.75E-02 | 1.12E-03 | 0.26 | 0.1 | 2.40E-03 | 0.3 | 5.00E-02 | 9.82E-04 |
| 0.23 | 4.38E-02 | 1.31E-03 | 0.26 | 0.10625 | 2.53E-03 | 0.3 | 5.63E-02 | 1.10E-03 |
| 0.23 | 5.00E-02 | 1.49E-03 | 0.26 | 0.1125 | 2.66E-03 | 0.3 | 6.25E-02 | 1.22E-03 |
| 0.23 | 5.63E-02 | 1.68E-03 | 0.26 | 0.11875 | 2.78E-03 | 0.3 | 6.88E-02 | 1.33E-03 |
| 0.23 | 6.25E-02 | 1.86E-03 | 0.27 | 0.00E+01 | 0.00E+01 | 0.3 | 7.50E-02 | 1.45E-03 |
| 0.23 | 6.88E-02 | 2.03E-03 | 0.27 | 6.25E-03 | 1.49E-04 | 0.3 | 8.13E-02 | 1.56E-03 |
| 0.23 | 7.50E-02 | 2.21E-03 | 0.27 | 1.25E-02 | 2.99E-04 | 0.3 | 8.75E-02 | 1.67E-03 |
| 0.23 | 8.13E-02 | 2.38E-03 | 0.27 | 1.88E-02 | 4.48E-04 | 0.3 | 9.38E-02 | 1.77E-03 |
| 0.23 | 8.75E-02 | 2.55E-03 | 0.27 | 2.50E-02 | 5.96E-04 | 0.3 | 0.1 | 1.88E-03 |
| 0.23 | 9.38E-02 | 2.72E-03 | 0.27 | 3.13E-02 | 7.44E-04 | 0.3 | 0.10625 | 1.98E-03 |
| 0.23 | 0.1 | 2.88E-03 | 0.27 | 3.75E-02 | 8.90E-04 | 0.3 | 0.1125 | 2.08E-03 |
| 0.23 | 0.10625 | 3.03E-03 | 0.27 | 4.38E-02 | 1.04E-03 | 0.3 | 0.11875 | 2.17E-03 |
| 0.23 | 0.1125 | 3.19E-03 | 0.27 | 5.00E-02 | 1.18E-03 | | | |
| 0.23 | 0.11875 | 3.34E-03 | 0.27 | 5.63E-02 | 1.32E-03 | | | |
| 0.24 | 0.00E+01 | 0.00E+01 | 0.27 | 6.25E-02 | 1.46E-03 | | | |
| 0.24 | 6.25E-03 | 1.78E-04 | 0.27 | 6.88E-02 | 1.60E-03 | | | |
| 0.24 | 1.25E-02 | 3.56E-04 | 0.27 | 7.50E-02 | 1.74E-03 | | | |
| 0.24 | 1.88E-02 | 5.34E-04 | 0.27 | 8.13E-02 | 1.87E-03 | | | |
| | | | 0.27 | 8.75E-02 | 2.01E-03 | | | |
| | | | 0.27 | 9.38E-02 | 2.13E-03 | | | |



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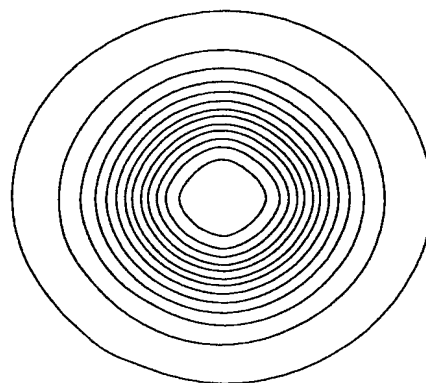


FIG. ~~15~~ 10

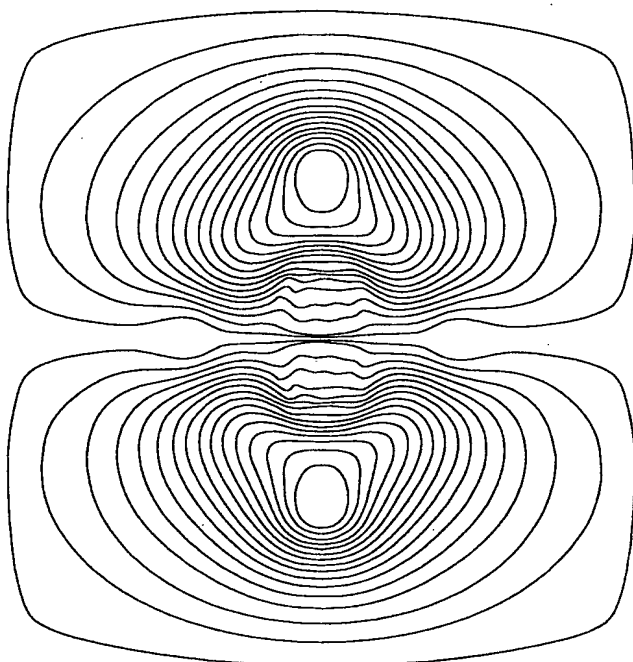


FIG. ~~16A~~ 11A

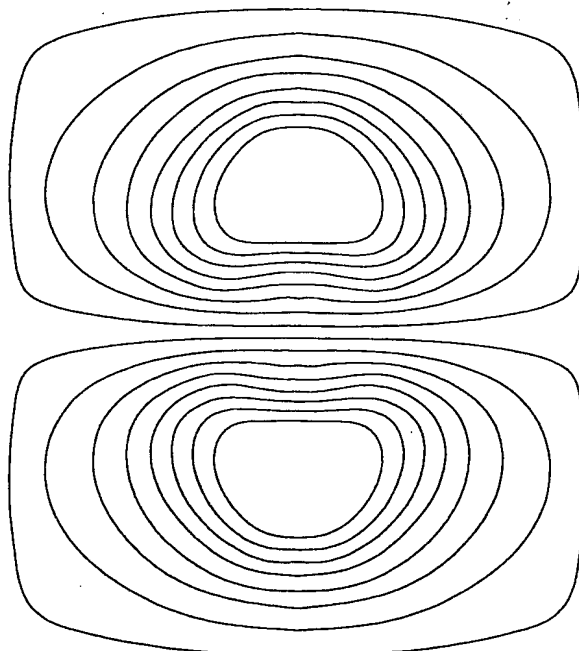


FIG. ~~16B~~ 11B



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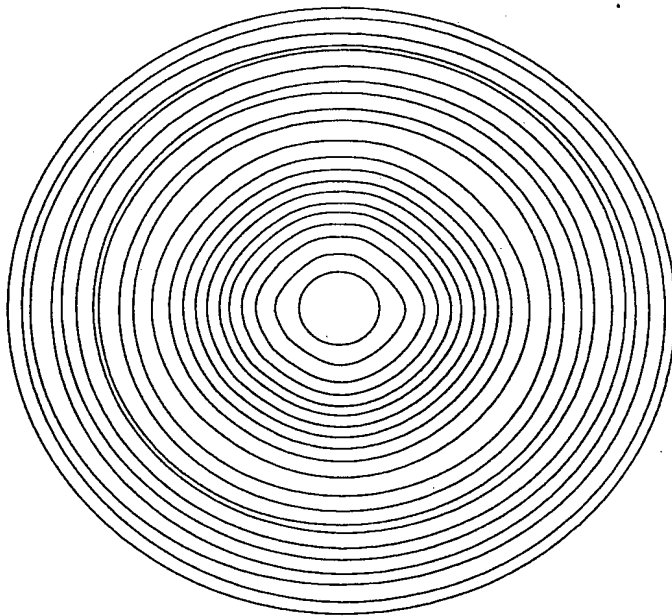


FIG. ~~17A~~ 12A

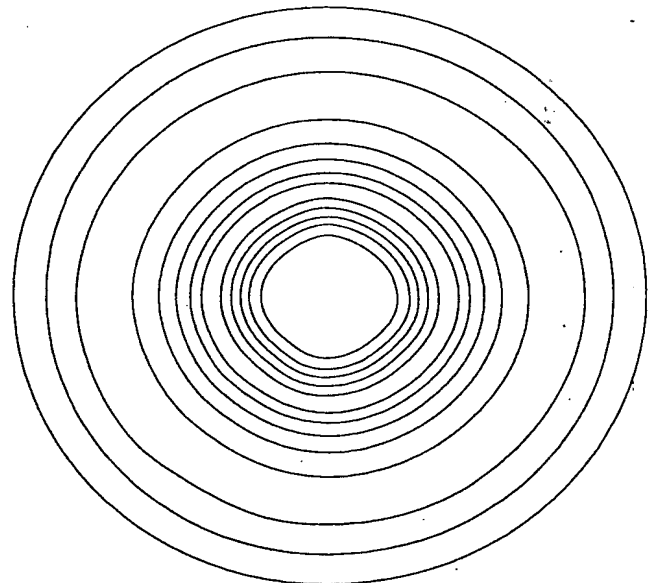


FIG. ~~17B~~ 12B

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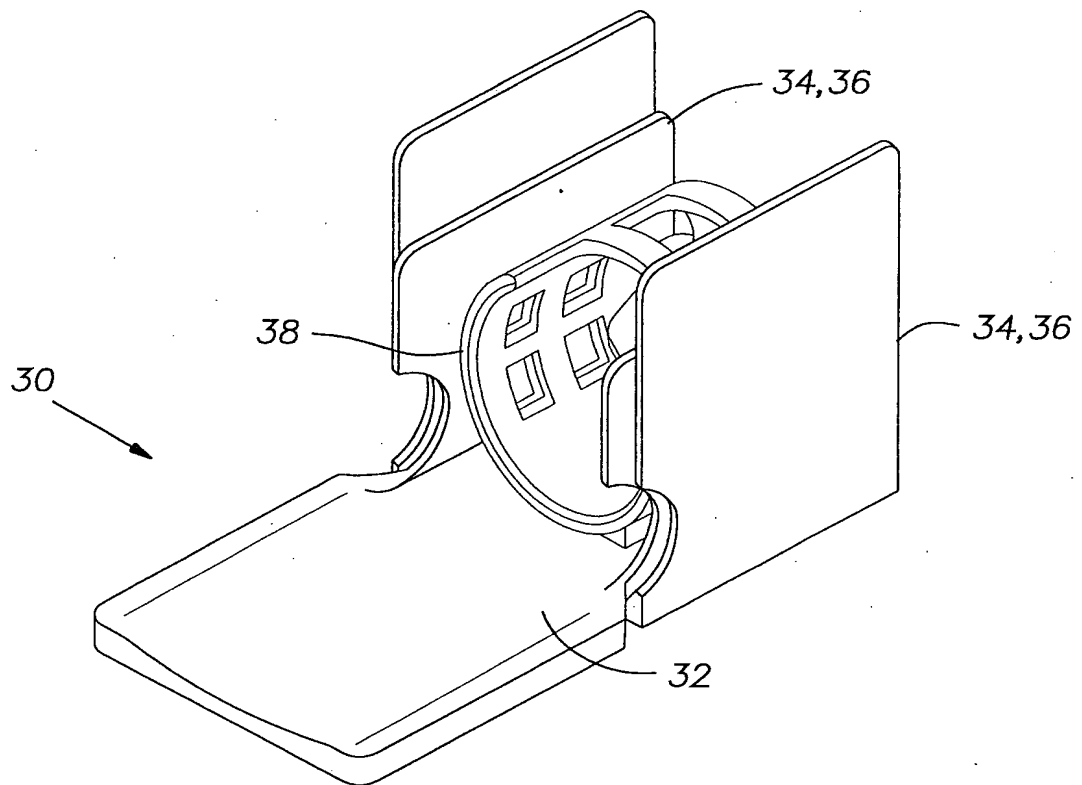


FIG. 13

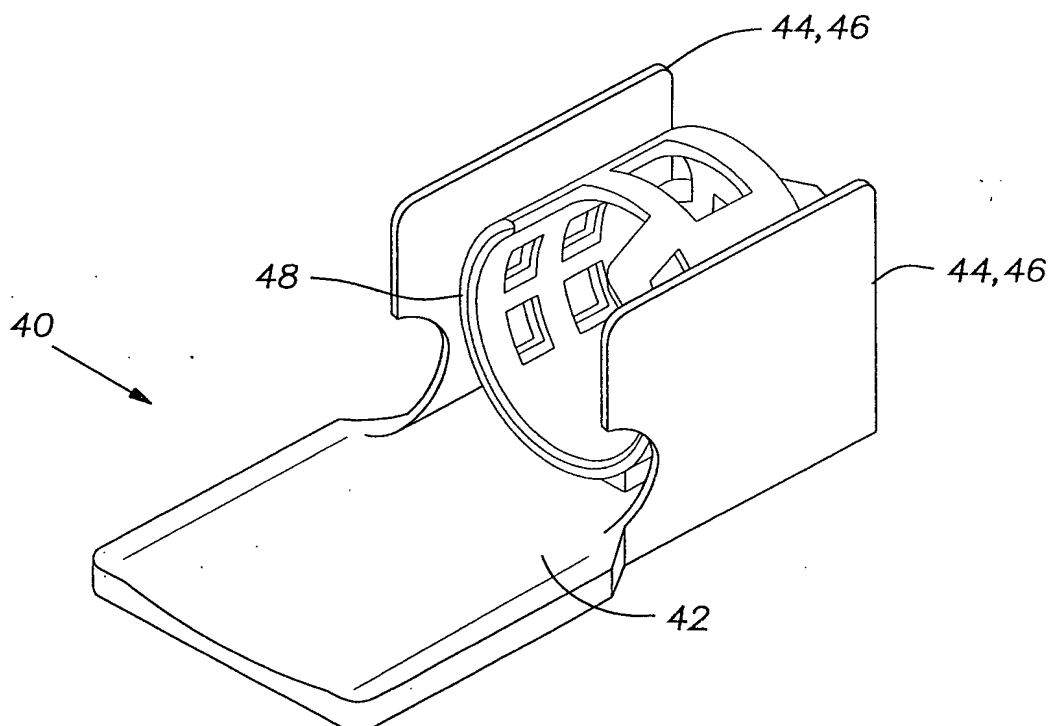


FIG. 14

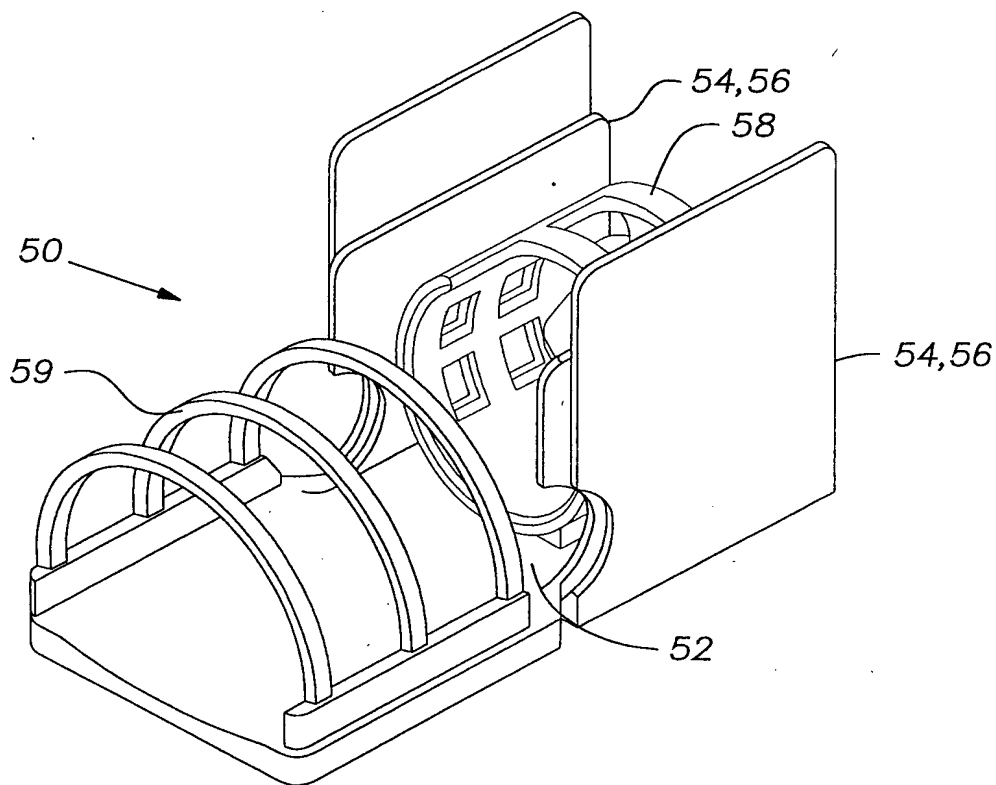


FIG. 15

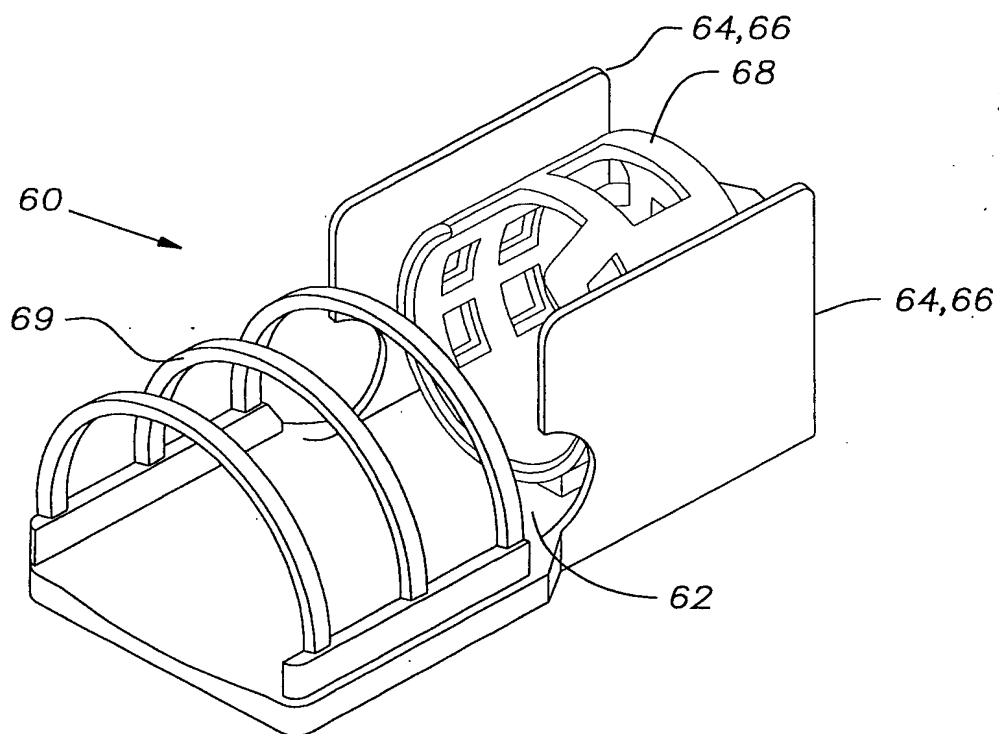
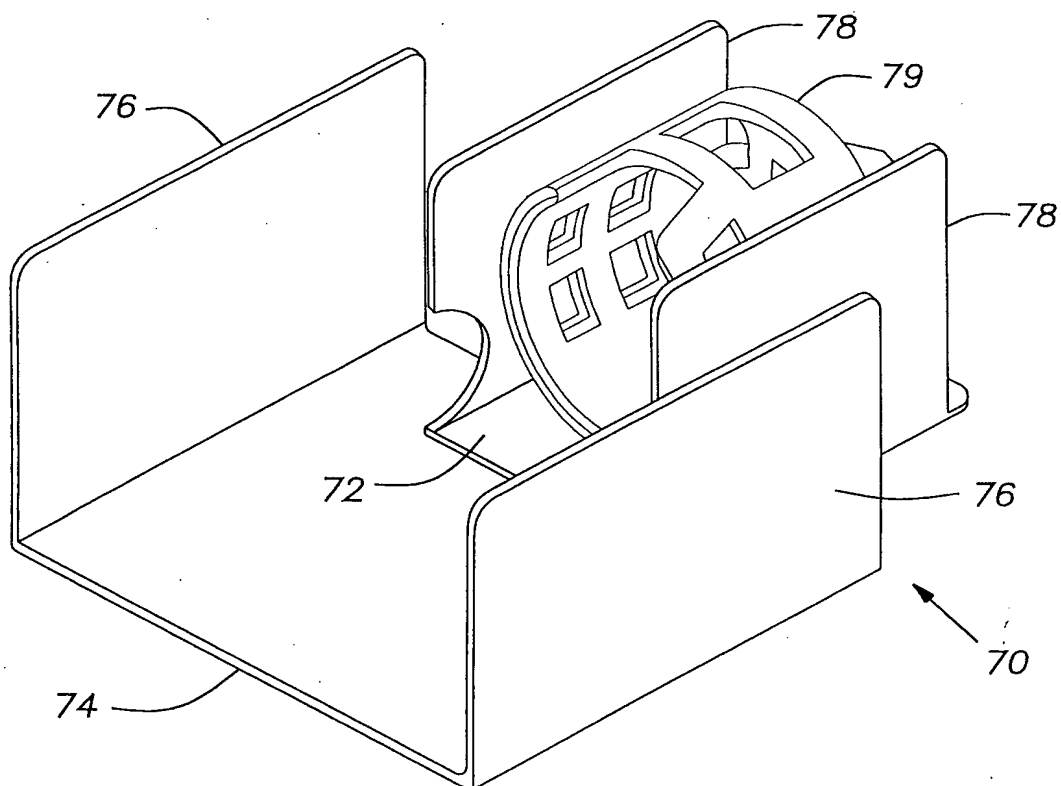


FIG. 16



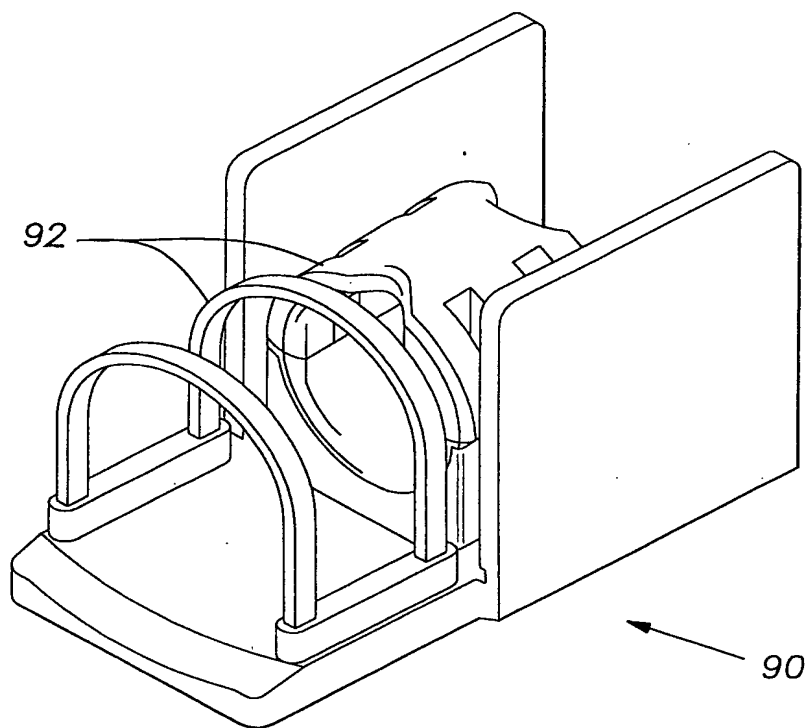


FIG. 23 18

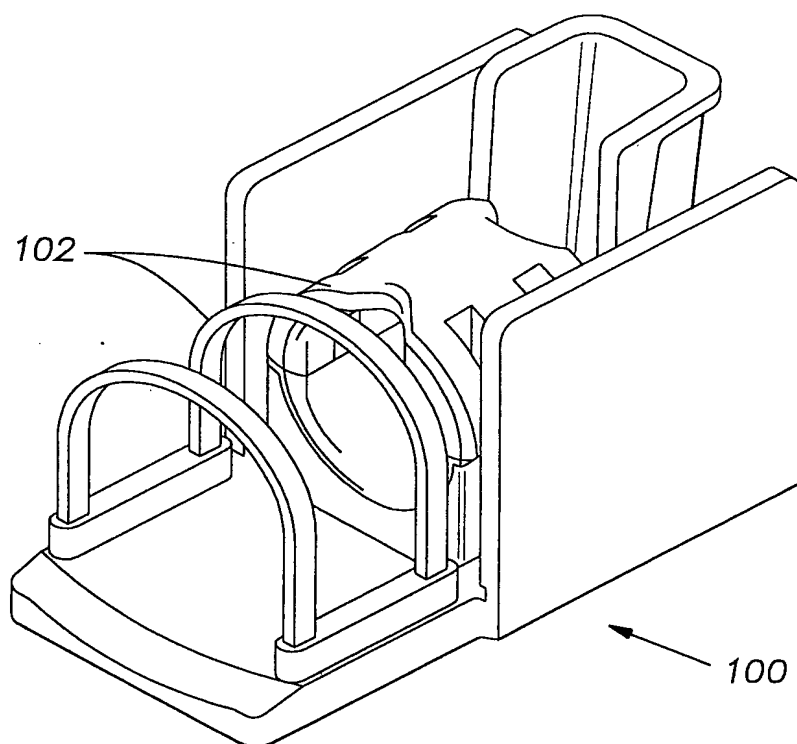


FIG. 24 19